



# 2786

## CAST BRONZE ISOLATING SADDLE



### APPLICATIONS

ROBAR 2786 Isolating Saddles are used to electrically isolate an outlet or service line from a main distribution line. Primarily used in cathodically protected systems or to separate dissimilar metals. Waterworks Bronze and passivated T304 Stainless Steel are “noble” materials which are closely related to each other near the top of the Galvanic Scale of corrosion resistance. Unlike pairs of widely dissimilar metals, they will both exhibit long life in most ‘hot’ soil environments.

### MATERIAL SPECIFICATIONS

- Saddle Body:** Cast Bronze
- Gaskets:** NBR (Nitrile) Ric-2 “Robar Blue” Rubber Body and Strap
- Strap & Armor:** T304 Stainless Steel, rolled threads, fully passivated\*
- Fasteners:** 1/2” NC T304 Stainless Steel Nuts coated with anti-galling compound Torque is 45 ft. lbs
- PSI Rating:** 150 psi

### HOW TO ORDER

Determine the product number (2786), the actual OD, outlet size and outlet thread, and then use the appropriate ordering code as shown in the following example.

If an Isolating Saddle with a 3/4” CC outlet is required for 6” Standard Ductile pipe (6.90” OD) the ordering code is:

Product Number	High End	Outlet Size	Outlet Thread
2786	- 6.90"	x 3/4"	- CC
i.e. 2786 - 6.90 x 3/4 - CC			

### ELECTRICAL SPECIFICATIONS

- Conditions:** Laboratory, torque level 45 ft. lbs
- Resistance:** 800 Mega ohms @ 10,000 volts DC
- Breakdown Voltage:** Minimum 12,000 volts DC

### 2786 ISOLATING SADDLE CHART

NOMINAL PIPE SIZE	WORKING RANGE		APPROXIMATE SHIPPING WEIGHT	
	LOW	HIGH	LBS.	KG.
4	4.50	4.80	6.7	2.3
6	6.60	7.40	7.2	3.2
8	8.60	9.40	7.5	3.4
10	10.70	11.50	8.0	3.6
12	12.70	13.50	9.2	4.2
14	13.80	15.70	10.2	4.6
	15.20	16.00	10.5	4.8
16	17.20	18.00	11.0	5.0
18	19.00	20.00	11.5	5.2
20	20.80	21.90	12.0	5.4

Note: \* Refers to chemically treating Stainless Steel after welding (“Pickled/Passivated”) to return it to its original appearance.

All dimensions are in inches.

- The 2786 is designed to be installed with a maximum torque of 45 ft. lbs. This enables the saddle to perform to its maximum electrical isolating capability.

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